

DIRECT GAS BURNER TYPE FURNACE

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ABSTRACT OF THE DISCLOSURE

A direct gas burner type furnaces for directly heating articles 13 by combustion gas and then exhausting the combustion gas outside the furnace, controls the combustion rate of a gas burner 2 based on the furnace temperature detected by a temperature sensor 3 in the furnace, and controls the rotational speed of an exhaust fan 8 based on the combustion rate to control the exhaust rate of the combustion gas in the furnace. Accordingly, it is possible to exhaust the combustion gas from the furnace in correspondence with the introduction rate of the combustion gas into the furnace and to prevent air at a normal temperature from being sucked into the furnace.